

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

KOY-0034

APPLICATION NO.

10/803.813

APPLICANT(S)

Natsuki Kasai, et al.

FILING DATE

03/17/2004

GROUP ART UNIT

1751

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|------------|----------|-------|----------|-------------------------------|
| Q | 3,859,527 | 01/07/1975 | Luckey | | | |
| Q | 4,780,611 | 10/25/1988 | Nakamura | | | |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---|-----------------|------------|----------------------------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| Q | EP 0 102 459 | 03/14/1984 | European | | | | |
| Q | JP 55-012144 | 01/28/1980 | Japan (w/English abstract) | | | | |
| Q | JP 55-012145 | 01/28/1980 | Japan (w/English abstract) | | | | |
| Q | JP 55-160078 | 12/12/1980 | Japan (w/English abstract) | | | | |
| Q | JP 55-163500 | 12/19/1980 | Japan | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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8/24/05

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| | | | | | | | YES | NO |
| 0 | | JP 56-074175 | 06/19/1981 | Japan (w/English abstract) | 1 | 1 | | |
| 0 | | JP 56-116777 | 09/12/1981 | Japan (w/English abstract) | 1 | 1 | | |
| 0 | | JP 57-023673 | 02/06/1982 | Japan (w/English abstract) | 1 | 1 | | |
| 9 | | JP 57-023675 | 02/06/1982 | Japan (w/English abstract) | 1 | 1 | | |
| 0 | | JP 58-069281 | 04/25/1983 | Japan (w/English abstract) | 1 | 1 | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
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| | | | | | | | YES | NO |
| <i>Q</i> | | JP 58-206678 | 12/01/1983 | Japan (w/English abstract) | <u> </u> | <u> </u> | | |
| <i>Q</i> | | JP 59-027980 | 02/14/1984 | Japan (w/English abstract) | <u> </u> | <u> </u> | | |
| <i>Q</i> | | JP 59-056479 | 03/31/1984 | Japan (w/English abstract) | <u> </u> | <u> </u> | | |
| <i>Q</i> | | JP 59-056480 | 03/31/1984 | Japan (w/English abstract) | <u> </u> | <u> </u> | | |
| <i>Q</i> | | JP 59-75200 | 04/27/1984 | Japan | <u> </u> | <u> </u> | | |

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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| Q | | JP 60-084381 | 05/13/1985 | Japan (w/English abstract) | — | | | |
| Q | | JP 60-101173 | 06/05/1985 | Japan (w/English abstract) | — | | | |
| Q | | JP 60-141783 | 07/26/1985 | Japan (w/English abstract) | — | | | |
| C | | JP 60-157099 | 08/17/1985 | Japan | — | | | |
| D | | JP 60-157100 | 08/17/1985 | Japan | — | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
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| | | | | | | | YES | NO |
| Q | | JP 60-166379 | 08/29/1985 | Japan (w/English abstract) | — | | | |
| Q | | JP 60-217354 | 10/30/1985 | Japan (w/English abstract) | — | | | |
| Q | | JP 60-221483 | 11/06/1985 | Japan (w/English abstract) | — | | | |
| Q | | JP 60-228592 | 11/13/1985 | Japan (w/English abstract) | — | | | |
| Q | | JP 60-228593 | 11/13/1985 | Japan (w/English abstract) | — | | | |

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| | | | | | | | YES | NO |
| <i>C</i> | | JP 61-021182 | 01/29/1986 | Japan (w/English abstract) | | | | |
| <i>O</i> | | JP 61-023679 | 02/01/1986 | Japan (w/English abstract) | | | | |
| <i>O</i> | | JP 61-040390 | 02/26/1986 | Japan (w/English abstract) | | | | |
| <i>C</i> | | JP 61-120882 | 06/07/1986 | Japan (w/English abstract) | | | | |
| <i>C</i> | | JP 61-120883 | 06/07/1986 | Japan (w/English abstract) | | | | |
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| | | | | | | | YES | NO |
| <i>A</i> | | JP 61-120885 | 06/07/1986 | Japan (w/English abstract) | | | | |
| <i>B</i> | | JP 61-235486 | 10/20/1986 | Japan (w/English abstract) | | | | |
| <i>O</i> | | JP 61-235487 | 10/20/1986 | Japan (w/English abstract) | | | | |
| <i>C</i> | | JP 61-236888 | 10/22/1986 | Japan (w/English abstract) | | | | |
| <i>O</i> | | JP 61-236890 | 10/22/1986 | Japan (w/English abstract) | | | | |

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| | | | | | | | YES | NO |
| B | | JP 61-264084 | 11/21/1986 | Japan (w/English abstract) | | | | |
| O | | JP 62-025189 | 02/03/1987 | Japan (w/English abstract) | | | | |
| O | | JP 3-79680 | 12/19/1991 | Japan | | | | |
| B | | JP 07-233369 | 09/05/1995 | Japan (w/English abstract) | | | | |
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